

Physiological Investigations on Hydrogen-
Oxidizing Bacteria, by H. G. Schlegel.
GERMAN, per, Arch Mikrobiol, Vol XVIII,
1953, pp 362-390.
NASA TT F-10,312

U. S. GOVERNMENT USE ONLY
Sci-82M
Dec 66

316,485

The Relation of Oxidized Nitrogen to Reduced
Carbon in Connection With Nitrate Formers, by
H. Bomeke, 14 pp.

GERMAN, per, Archiv für Mikrobiologie, Vol XX,
No 2, 1954, pp 176-182.

SLA 59-15277

Sci - Chem
Dec 59
Vol 2, No 4

102,838

Knösel, D. and Schwartz, W.
INVESTIGATIONS ON PETROLEUM BACTERIOLOGY.
II. OCCURRENCE AND BEHAVIOR OF MICROORGAN-
ISMS IN PETROLEUM. 24p 26refs.
Order from SLA \$2.60 TT-64-16882

Trans. of Archiv für Mikrobiologie (West Germany)
1954, v. 20 [no. 4] p. 362-390.

(Biological Sciences--Microbiology, TT, v. 12, no. 5)

TT-64-16882

I. Knösel, D.
II. Schwartz, W.
III. Title: Occurrence...

Office of Technical Services

Demonstration of the Spores and Capsules of
Streptomyces by the Electron Microscope, by
H. Enghusen.
GERMAN, per, Arch. Mikrobiol, Vol 21, 1955, pp 429-334
NZDSIR/Ref. No. 623

Sci -
July 1967

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Effect of Carbon Dioxide on the Phosphate Metabolism
of Micro-Organisms, by H. G. Schlegel.

GERMAN, per, Arch Mikrobiol, Vol XXIII, 1955,
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DSIR/28328/CT

Sci - Biology
Feb 58

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Effect of Carbon Dioxide on the Phosphate Metabolism
of Micro-Organisms, by ~~Dr~~ H. G. Shigel.

GERMAN

~~RUSSIAN~~, per, Arch Mikrobiol, Vol XXIII, 1955,
pp 195-206.

ASLIB-GB

Sci

Jul 59

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Contributions to the Microstructure of the
Bacterial Flagella, by H. Braun, 14 pp.

GERMAN, per, Arch fuer Mikrobiologie, Vol XXIV,
1956, pp 1-7.

NIH Tr 8-1

Sci - Biology, bacteria
Aug 57

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Investigations on the Dying of Yeasts and Other
Micro-organisms in Media of High NaCl- or
Sugar Content, by M. V. Schelhorn.

GERMAN, per, Arch Mikrobiol, Vol XXV, 1956,
p 39-57.

SIA MRC C2201

Sci

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*Federman Research Board
Canada 68,610
Vancouver Station*

TT-63-20682

Henssen, A.
CONTRIBUTIONS TO THE MORPHOLOGY AND
SYSTEMATICS OF THE THERMOPHILIC ACTINO-
MYCETAE. [1963] 84p (figs omitted) 40refs
Order from SLA \$8.10 TT-63-20682

Trans. of Archiv für Mikrobiologie (West Germany)
1957, v. 26, p. 373-414. (Abstract available)

DESCRIPTORS: *Morphology, Taxonomy, *Heat
production (Biology), *Actinomycetales, Streptomyces,

Eleven different thermophilic ray fungi (Actinomycetae)
were isolated from stable-manure of different etiology
and composition, and their morphological and physio-
logical properties were investigated. All of them belong
to the family, Streptomycetaceae. They are described
in detail. On the basis of the observations on these
types, the Actinomycetae were reclassified systemati-
cally, and 3 new genera (Thermomonospora Thermo-
(Biological Sciences--Microbiology, TT, v. 11, no. 3)
(over)

I. Henssen, A.

Office of Technical Services

TT-64-10704

Henssen, Aino.
THE SIGNIFICANCE OF THERMOPHILIC MICRO-
ORGANISMS FOR THE DECOMPOSITION OF STABLE
MANURE. [1963] 52p (figs omitted) 2refs
Order from SLA \$5.60 TT-64-10704

Trans. of Archiv für Mikrobiologie (West Germany)
1957, v. 27 [no. 1] p. 63-81.

(Biological Sciences--Microbiology, TT, v. 11, no. 12)

I. Henssen, A.

Office of Technical Services

61-12878

Weihe, K. von
CONTRIBUTIONS ON THE EFFECT OF EXOGE-
NOUS MACROMOLECULAR GROWTH STIMULA-
TORS. I. THE EFFECT OF AGAR AND AGAR HY-
DROLYSATES (Beiträge zur Wirkung Exogener
Makromolekularer Wachstums-Stimulatoren. I. Die
Wirkung von Agar und Agar-Hydrolysaten) tr. by
D. A. Sinclair. 1961, 24p. 22 refs. NRCC Technical
Trans. 926.
Order from NRCC \$1.50 NRCC C-3580

Trans. of Archiv für Mikrobiologie (Germany) 1958,
v. 30, no. 1, p. 30-44.

151915

- I. Fungi--Growth
2. Growth substances--
Identification
3. Title: Agar
- I. Weihe, K. von
- II. Title: Effect...
- III. NRCC TT-926
- IV. NRCC C-3580
- V. National Research Council
of Canada

Office of Technical Services

(Biological Sciences--Microbiology, TT, v. 3, no. 9)

order from NTC

ARCHIV FÜR MIKROBIOLOGIE

1958 V29 P366-393

70-20999 <*>

Microbiology Research on the Question of
Self-Heating Organic Matter, by
Guanthar Kless. 33/p
GERMAN, per. Archiv für Mikrobiologie,
No 34, 1959, pp 285-318.
*CFSTI TT 68-56003

Sci/BAH
Nov 68

63-10506

Carlson, Sven.
INFLUENCE OF LOW ALTERNATING CURRENTS
ON BIOSYNTHESIS OF GLUCONIC ACID BY
ASPERGILLUS NIGER IN SUBMERSE CULTURE
(Die Einfluss von Niederen Wechselströmen auf die
Biosynthese der Gluconsäure durch Aspergillus Niger
in Submerser Kultur). [1962] 12p. (tables omitted).
Order from SLA \$1.60 63-10506

Trans. of Arch[iv] f[ür] Mikrobiologie (Germany) 1960,
v. 37, p. 7-17.

DESCRIPTORS: *Alternating currents, *Biosynthesis,
*Glycolic acids, *Phycomycetes, Culture media, Molds
(Organisms), Bioelectronics, Biophysics.

Under the influence of weak alternating currents, bio-
synthetic formation of gluconic acid by Aspergillus
niger in submerse and aerated cultures showed aug-
mented gluconic acid output. The acceleration of
(Biological Sciences--Microbiology, TT, v. 10, no. 6)
(over)

1. Title: Gluconic acid
1. Carlson, S.

Office of Technical Services

63-10947

Ramseier, H. R.
ACTION OF NISIN ON CLOSTRIDIUM BUTYRICUM
PRAZM. [1963] [49]p. 124 refs.
Order from SLA \$4.60

63-10947

Trans. of Archiv für Mikrobiologie (Germany
1960, v. 37, p. 37-94).

DESCRIPTORS: Antibiotics, Drugs, *Peptides,
*Clostridium, *Germicides, Streptococcus.

1. Title: Nisin
1. Ramseier, H. R.

(Biological Sciences--Pharmacology TT, v. 10, no. 6)

Office of Technical Services

Silicon Metabolism in Microorganisma
Part I. Silicon Absorption Through
Bacteria, by Wolfgang Heinen.
GERMAN, per, Arch Mikrobiol, Vol XXXVII,
1960, pp 199-210.
NASA TT F-10,878

MTC 71-16320-0671

GOVERNMENT USE ONLY
Sci-B&M
Jun 67

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A Submersion Method for the Culture of
Hydrogen-Oxidizing Bacteria: Growth-
Physiological Investigations, by H. G. Schlegel,
et al.

BERMAN, per, Arch Mikrobiol, Vol XXXVIII,
1961, pp 209-222.
NASA TT F-10,310

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316,486

Optical and Electron-Microscopic Investigations
of the Polystictus Versicolor. 2. The Fine
Structure of Basic Plasma and Mitochondria,
by M. Girbardt.

GERMAN, per, Archiv fuer Mikrobiologie, Vol. XXXIX,
1961, pp 351-359.

CSTR0/5841

Sci-
Feb 63

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~~Sci-1~~

123,520

(NY-7043)

THE DESTRUCTION OF HYDROCARBONS BY MICROBES,
BY G. WOLFGANG FUHS, 63 PP.

~~RUSSIAN, PER,~~
GERMAN, PER, ARCHIV FUER MIKROBIOLOGIE, VOL XXXIX,
1961, PP 374-382.

JPRS 14362

SCI - CHEM
JUL 62

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Researches on the Chitinase Effect of the Insect-Destroying
Fungus Beauveria Bassiana Bals Wuill, by L. Claus.
GERMAN, per, Arch Mikrobiol, No 40, 1961, pp 17-46
NRC/Ref C-3987

Sci -
Aug 67

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Silicon Metabolism in Microorganisms.
Part II. Relationship Between the Silicate and
Phosphate Metabolisms in Bacteria, by
Wolfgang Heinen.
GERMAN, par, Arch Mikrobiol, Vol XLI, 1962,
pp 229-246.
NASA TT F-10,879

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Investigations of the Growth and Storage
Substance Synthesis, by E. Wilde.
GERMAN, per, Archiv fuer Mikrobiologie, Vol 43,
1962, pp 109-107.
NTC-71-12537-06M

Kasa TT F 10,311

Nov 71

Influence of Soil Micro-Organisms on Dry-Matter
Formation and Ash Content of Plant Growth in
Nutrient Solutions, by E. Walte and G. Trolldenier,
19 pp.

GERMAN, par, Arch fur Mikrobiologie. No 43, 1962,
pp 138-147.

P911040268

AEC-LB-G-2579

NLL Ref. 5828, 4F (12592)

Sci-B and M

Mar 68

349.327

Influence of Soil Micro-Organisms on Rubidium
and Calcium Uptake in Plants Growing in Nutrient
Solutions, by G. Trolldenier, U. Marchwoldt.
GERMAN, per, Arch fur Mikrobiologie, No 43,
1962, pp 148-151.

P911039668

AEC-1B-G-2580

NLL R-1, 5825, 4F (12592)

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Part III. Influence of Various Anions
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Wolfgang Heinen.

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MTC 71-16322-0677

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Silicon Metabolism in Microorganisms.
Part IV. The Effect of Organic Compounds,
Especially Glucose, on the Silicon
Metabolism of Bacteria, by Wolfgang Heinen.
GERMAN, per. Arch Mikrobiol. Vol XLV, 1963,
pp 162-171.
NASA TT F-10,881

MTC 71-16323-0677

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Silicon Metabolism in Microorganisms
Part V. Experiments on the Mobility of
Incorporated Silicic Acid, by Wolfgang Heinen.
GERMAN, per, Arch Microbiol, Vol XLV, 1963,
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NASA TT F-10,882

HTC 71-16324-0677

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Jun 67

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The Effect of the Partial Pressure of CO₂ and of
Glucose Concentration on the Growth and Nitrogen
Fixation of *Azotobacter chroococcum* Beij, by D. Hermann.
GERMAN, per, Archiv fuer Mikrobiologie, Vol 45, 1963,
pp 373-397.

NTC-71-11433-06M

CSIRU 6876

Nov 71

CO₂-Fixation by Knaligas Bacteria. Part III.
Autotrophic and Organotrophic CO₂-Fixation, by
P. Hirsch.
GERMAN, per, Archiv fuer Mikrobiologie, Vol 46,
1963, pp 79-95.
NTC-71-12560-06M

Nasa tt F 10, 308

Nov 71

Effects of Microfloras of Different Soils and
of Bacteria Pure Cultures on Plant Growth, by E.
Welte, G. Trollidenier.
GERMAN, per, Arch. Mikrobiol. Vol 47, No 1, 1963,
pp 42-56.
(NRC/Ref: C-5035)

Sci -
Aug 67

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Biosynthesis of Poly- γ -Hydroxybutyric
Acid by *Klebsiella* Bacteria. II: Assimilation
of Organic Acids, by G. Gottschalk.
GERMAN, per, Arch Mikrobiol, Vol XLVII,
1964, pp 230-235.
NASA TT F-10,315

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Sci-B&M

Dec 66

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Micro-morphological Changes in the Cell Wall
Structures of Beech and Spruce Broken Down by
Polyporus versicolor (L) Fr., by R. Schmid,
W. Liese.
GERMAN, per, Arch. fur Mikrobiol., Vol 47, 1964,
pp 260-276.
(CSIRO/No. 7130)

Sci -
Aug 67

339,888

Utilization of Fructose by Hydrogenomonas H 16.
Part I, by G. Gottschalk.

GERMAN, per, Archiv fuer Mikrobiologie, Vol 48,
1964, pp 95-108.

NTC-71-12536-06M

Nasa TT F 10, 309

Nov 71

A New Representative of the Myxobacterium
Genus Archangium Jahn, by H. Kuhlwein.
GERMAN, per, Archiv fuer Mikrobiologie, Vol 48,
1964, pp 179-184.
NTC-71-11903-06M

Nov 71

Synthesis of Poly -B-Hydroxybutyric Acid by
Hydrogenomonas H 16: Reaction Steps Leading
to the B-Hydroxybutyryl Coenzyme A, by
J. Schindler.

GERMAN, per, Archiv fuer Mikrobiologie, Vol 49,
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NTC-71-12559-06M

Nasa tt F 10,314

Nov 71

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LUNGSMCHANIK
1865 V1 P354-375 70-21379 <*>

The Role in the Retina of Cephalopoda and
Mollusca, by M. Schultze, 19 pp, and 2 Arch.

GERMAN, per, Arch Fuer Mikrosk Anat, Vol V,
1869, pp 1-24.

NIR 10-16-61

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Sci - Med

Jan 62

Contributions to the Theory of the Microscope
and Microscopic Observations, by Dr. E. Abbe.
GERMAN, per, Archiv fur Mikroskopische Anatomie,
Vol 9, 1873, pp 413-468.
NASA TT F-13,840

Mar 72

Contributions on the Development Mechanics
of Embryos, by Wilhelm Roux.

GERMAN, per, Arkiv fuer Mikroskopische
Anatomie, Vol 29, 1887, pp 157-212.

NASA TT F-12,068

Sci-B&M
June 69

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The Extent of the Enamel Organ and Its Importance
for Tooth Formation, by Dr. A. Von Brunn,
27 pp.

GERMAN, per, Arch Mikrosk Anat, Vol XXIX,
1887, pp 2 367-383.

MM 2-24

Sci - Med

Mar 59

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Blastophore and Spina Bifida. A Comparative
Morphological, Teratological Study on Malformed
Frog's Eggs, by O. Hertwig.

GERMAN, per, Archiv fur Mikroskopische
Anatomie, Vol 39, 1892, pp 353-503.
NASA TT F-11,688

Sci
Dec 68

371,070

English Title Unknown, by Oskar Schultze.
GERMAN, per, Archiv fur Mikroskopische Anatomie,
Vol 55, 1899, pp 202-230.
*NASA TT F-12,585

Sept 69

Concerning the Necessity of the Free Development
of the Embryo, by Oskar Schultze. 37 pp.
GERMAN, per, Arch. Mikroskop. Anat. Vol 55,
1899, pp 202-230.

NASA TT F 12,585

*CFSTI TT 70-58002

sci/ b and m
may 70

406,920

On the Importance of the Force of Gravity for
the Development of the Animal Embryo, by
Oskar Schultze. 31 pp.

GERMAN, per, Arch. Mikroskop. Anat., Vol 56,
1900, pp 309-334.

NASA TT F-12,584

C.F.S.T.I TT 70-58001

sci/b and m
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Involution of Embryonic Amnion, by
M. Hussbaum, 18 pp.

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MB 3-46-62

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Sci - Med
Jun 62

The Influence of Gravity on the Development
and the Maintenance of Bilateral Symmetry
in the Frog Egg, by M. Moszkowski. 40 pp.
GERMAN, per, Arch Mikroskop Anat und Entwick.
Vol 60, 1902, pp 17-65.
NASA TT F-12,514

Sci-B&M
Dec 69

397,345

On the Question of Blastopore Closure in Rana
Fusca, by M. Moszkowski.
GERMAN, per, Arch Mikroskopische Anatomie,
Vol 60, 1902, pp 407-413.
NASA TT F-12,508

Sci-B&M
Nov 69

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The Development of the Dentine Ground
Substance of Mammals, by K. von Korff, 28 pp.

GERMAN, per, Arch Mikrosk Anat, Vol LXV, 1905, pp 1-17.

MIN Tr 7-5

Sci - Biol
Aug 57

50,804

SLC 17-2-23

English Title Unknown, by E. Witschi.
GERMAN, per, Archiv für Mikroskopische
Anatomie und Entwicklungsmechanik,
Vol 102, 1924, pp 168-183.
*NASA TT F-11,757

Sci
Oct 68

English Title Unknown, by O. Hertwig.
GOVERNMENT USE ONLY
GERMAN, per, Archiv für Mikroskopische
Anatomie, Vol 39, 1962, pp 353-503.
NASA TT F-11,688

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Embedding Documents in Glassine and Cellulose
Acetate. New Findings and Conclusions, by Johannes
Papritz, 13 pp.

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Archiv.

Dept of Commerce
Dr Henry Birnbaum
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Sci - Chem
Mar 60

110,427

Fish Parasites from Turkestan, by K. Skrjabin.

GERMAN, per, Arch Naturgeschichte, Vol LXXIX,
1913, pp 1-10.

INS.DOC-T1 425

Sci

Aug 58

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On the Purification of Insulin, by E.
Dingemans, 3 p.

DUTCH, per, Partial Trans, Archives Neerlandaises
de Physiologie de l'Homme et des Animaux, 1928,
Vol XII, pp 259-264.

SLA 60-10488

Sci
May 60
Vol 3, No 4

Function of the Soft Palate and Passavant's
Pad in Speech, by Branco van Dantzig, 14pp
DUTCH, per, Archives Neerlandaises de
Phonetique Experimentale, Vol 6, 1931, pp 105-114
SLA TT-64-10295

Sci - Biol
June 67

328,813

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ARCHIVES NEERLANDAISES DES SCIENCES EXACTES ET
NATURELLES. SERIE 3A. SCIENCES EXACTES
1923 V6 P277-283 70-21021 <*>

Mode of Life of *Mormontella Vitripennis*,
by E. F. Jacobi, 13 pp.
GERMAN, per, Archives Neerlandaises de Zoologie, X
Vol III, 1939, pp 253-262; 277-279. 9226137
AEC-ORNL-Tr-24284

Sci-Biol & Med
Dec 64

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Behaviour Patterns of the Central European
Cormorant(Phalacrocorax Carbo Sinensis [Shaw and
Nodd]), their Function, Ontogenetic Development and
Phylogentic Origin, by A Kortlandt.
DUTCH, per, Archives Neerlandaises de Zoologie, Vol 4,
1940, pp 401-442.
CSIRO/No. 6701.

Sci -
July 1967

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The Hypoglycemic Action of Certain Sulfanamide
Derivatives, by Jean La Barre, Jean Reuse, 6 pp.

DUTCH, per, Archives Néerlandaises de Physiologie
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1947, pp 475-486.

SLA 60-10471

Sci

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Sep 60

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The Oxygenation of Hemoglobin of Normal and
Reduced Molecular Weight in Dilute Solutions,
by Enzo Ederi, Alessandro Vescia, 8 p.
Enzo Ederi Alessandro

DURCK, per, Arch Neerlan Physio de l'Homme et
des Animaux, 1947, Vol XXVIII, No 3/4,
pp 510-520.

SLA 60-10455

Sci

116, 712

MAY 60
Vol 3, No 4

Research on Optokinetic Nystagmus,
by J.W.G. Ter Braak.
DUTCH, per, Archives Neerlandaises de Physiologie
de l'Homme et des Animaux, Vol XXI, 1963,
pp 309-375.
*JPRS/FAA

Sci-Biol & Med
Aug 64

Vapor Tensions of Hydrogen and New Thermometric
Determinations in the Liquid Hydrogen Region,
by J. Palacios Martinez, H. Kamerlingh Onnes,
9 pp.

FRENCH, par, Archives Neerlandaises des Sciences
Exactes et Naturelles, Vol VIA, 1922, pp 31-39.
9685105

DDC RSIC-26

Sci - Phys
Aug 63

342,102

Determinations of Isotherms of Hydrogen and Helium at Low Temperature Carried Out With a View to Examining Whether the Compressibility of These Gases is Influenced by Quanta, by J. Palacios Martinez, H. Kamerlingh Onnes, 23 pp.

PHYSIK, par, Archives Neerlandaises des Sciences Exactes, Vol VII, 1903, pp 253-273. 500902

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Sci - Phys
Aug 63

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Isotherms of Hydrogen Between -104°C and -244°C ,
by H. Kamerlingh Onnes, F. M. Penning, 9 pp.

FRENCH, per, Archives Neerlandaises des Sciences
Exactes et Naturelles, Vol VII, Series IIIA, 1924,
~~pp. 1-9~~ 9685172

DDC RSIC-23

Sci - Phys
Aug 63

343,515

R-1259-N

Specifications to be Met as Follows:

- a. One Master Reproducible on Bond.
- b. Text to Fit 8" x 10" Paper Therefore Suggest
Typed Text

DUTCH, per, Arch. ^{ind}Neerlandaises ^{sci}Sciences Exactes ^{it}
Vol VIIA, 1929, pp 157-165 *Naturelles*

*JPRS for US Army Missile
Command Redstone Arsenal
Alabama

The Determination of Optical Constants From Light
Absorption Measurements on Thin Metal Films, by
J. F. Veenemans, 34 pp.

DUTCH, per, Archives Neerlandaises des Sciences
Exactes et Naturelles, Vol XIV, 1933, pp 84-117.
5097015

AEC UCRL Tr-728(L)

Sci. - Phys
Mar 62

192,168

A Case of Diabetic Paraplegia, by M. Charcot,
30 pp.
FRENCH, per, Arch Neurol, Vol XIX, No 57, 1890,
pp 305-330.
Navy Tr 3906/NMS 398

Sci - Biol & Med
Oct 64

267,993

Myopia: Discussion and Results of
a Local Treatment, by J. J. Lijo Pavia.
GERMAN, per, Arch Ophthalmol, Vol 38,
1963, pp 365-370.
NH 3-1-65

Sci- Biol & Med Sci
May 65

278,733

An apparatus for Photographing the Tympanic Membrane,
by S. T. Stein, 2 pp.

GERMAN, per, Arch. Ohrenheilk, Vol 1, 1873, pp 56.

SIA TR 57-1643

Sci

65,762

On the Localization of Glucose-6-Phosphate and
Cluconate-6-Phosphate-Dehydrogenase in the
Cochlea of the Guinea Pig, by H. J. Gerhardt.
6 pp. FOR OFFICIAL USE ONLY. FOR INTERNAL
USE WITHIN THE DEPARTMENT OF DEFENSE ONLY
GERMAN, per, Archiv Ohren-, Nasen- u. Kheiko-
pneilk, No 184, 1964, pp 52-56. P100321667
FTD-HT-66-590

Sci/B&M
Dec 67

345,865

Request translation check

On Distribution of DPN- and TPM Diaphorasis in the
guinea pig convolutions

H J Gerhardt

Archiv Ohren- usw. Heilk. u. Z. Hals- usw. Heilk,
181, pages 16-31, 1962

Negative
2 November 67

Problem of Impact Pulses in Industrial Noise, by
H.G. Dieroff.
GERMAN, per, Arch Ohren usw Heilk u Z Hals usw Heilk,
No 179, 1962, pp 16-409 - 416
CAcL

Sci -

Aug 67

336,706

Neveling, R. and Kruse, K. E. ON NICOTINE NYSTAGMUS. [1962] 9p. Order from K-H 511.25 K-H 11363 d	62-17547
Trans. of article from Archiv für Chron-, Nasen- und Kehlkopfheilkunde (West Germany) n.d.	I. Neveling, R. II. Kruse, K. E. III. K-H-11363 d IV. Kresge-Hooker Science Library Associates, Detroit, Mich.
DESCRIPTORS: *Nicotine, *Nystagmus	
(Biological Sciences--Toxicology, TT, v. 10, no. 3)	Office of Technical Services

Urbantschitsch, Victor.
CONCERNING DISTURBANCES OF EQUILIBRIUM
AND APPARENT MOVEMENT (Über Störungen des
Gleichgewichtes und Scheinbewegungen). [1961] 88p.
Order from SLA \$8.10 TT-61-14884

Trans. of [Archiv für Ohren-, Nasen- und Kehlkopf-
heilkunde (Germany) 1897, v. 31] p. 234-294.

DESCRIPTORS: *Otorhinolaryngology, *Sensory
mechanisms, *Proprioception, *Ear, *Vertigo, *Vision.

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-61-14884

I. Urbantschitsch, V.

Office of Technical Services

TT-61-14865

Alexander, G. and Barany, R.
PSYCHOPHYSIOLOGIC INVESTIGATIONS CONCERNING
THE IMPORTANCE OF THE APPARATUS OF THE
STATOLITHS FOR ORIENTATION IN SPACE ON
NORMALS AND DEAF MUTES (Psychophysiologische
Untersuchungen über die Bedeutung des Statolithen-
apparates für die Orientierung im Raume an Normalen
und Taubstummten). [1961] 7p 1ref
Order from SLA \$1.10

TT-61-14865

Trans. of [Archiv für Ohren-, Nasen- und
Kehlkopfheilkunde] (Germany) 1905, v. 65, p. 187-192.

DESCRIPTORS: *Space perception, Ear, *Deafness,
Reaction (Psychology), *End organs, Auditory
perception, *Psychoacoustics, Otorhinolaryngology.

(Biological Sciences--Physiology, TT, v. 11, no. 4)

- I. Title: Statoliths
- I. Alexander, G.
- II. Barany, R.

Office of Technical Services

Barany, Robert.

CONCERNING THE COUNTER-ROLLING OF THE EYES IN SUBJECTS WITH NORMAL HEARING, IN PATIENTS WITH DISEASES OF THE EAR RELEASED FROM THE LABYRINTH OF THE EAR AND DEAF-MUTES (Über die vom Ohrlabyrinth Ausgelöste Gegenrollung der Augen bei Normalhörenden, Ohrenkranken und Taubstummen). [1961]. [44]p. 10 refs.

Order from SLA \$4.60

61-14770

Trans. of Arch[iv] f[ür] Ohren-, [Nasen- und Kehlkopfheilkunde] (Germany) 1906, v. 68, p. 1-30.

DESCRIPTORS: Eye, Vision, Rotation, Hearing, Ear, Diseases, Deafness, Nystagmas, Head

(Unannounced)

61-14770

I. Barany, R.

Office of Technical Services

Gaede, W.

CONCERNING THE MOVEMENT OF A FLUID IN A
ROTATING HOLLOW RING, WITH SPECIAL
CONSIDERATION OF THE PROCESSES IN THE SEMI-
CIRCULAR CANALS OF THE EAR (Über die Bewegung
der Flüssigkeit in einem Rotierenden Hohlring unter
besonderer Berücksichtigung der Vorgänge in den
Bogengängen des Ohres). [1961] [15p] 1 ref.

Order from SLA \$1.60

TT-61-14645

Trans. of Arch[iv]f[ür] Ohren-, Nasen- u[nd]
Kehlkopf[heilkunde] (Germany) 1922, v. 110, p. 6-14.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-61-14645

1. Gaede, W.

Office of Technical Services

Leisse, O.
SOUND LOCALIZATION AND VESTIBULAR APPA-
RATUS (Schallokalisation und Vestibularapparat).
[1961] 14p. 14 refs.
Order from SLA \$1.60

61-14717

Trans. of Arch[iv für] Ohr[en]-Nas[en]- und Kehlk[opf]heilk[unde] (Germany) 1925/1926, v. 114,
p. 118-128.

DESCRIPTORS: *Ear, Sound, *Sound transmission,
*Hearing, *Auditory perception, Positioning reactions.

(Unannounced)

61-14717

I. Leisse, O.

Office of Technical Services

Steinhausen, Wilhelm.
CONCERNING WITTMACK'S TURGOR AND
PRESSURE THEORY AND MACH-BREUER'S THEORY
OF THE DISPLACEMENT OF THE CUPULA
TERMINALIS INTO THE SEMICIRCULAR CANALS
OF THE VESTIBULAR APPARATUS (Über die
Wittmaacksche Turgor- und Drucktheorie und die
Mach-Breuersche Theorie der Verlagerung der Cupula
Terminalis in den Bogengängen des Vestibularapparates).
[1961] [53p] 75refs
Order from SLA \$5.60

TT-61-14653

Trans. of Arch[iv] f[ür] Ohren-, Nasen- und
Kehlkopfheilk[unde] (Germany) 1932, v. 131/132,
p. 134-166.

DESCRIPTORS: *Ear, Anatomy, Hearing, *Body fluids,
Pressure.

(Biological Sciences--Physiology, TT, v. 11, no. 4)

TT-61-14653

1. Title: Cupula' cochleae
2. Title: Mach-Breuer's
theory
3. Title: Wittmaack's
turgor pressure theory
- I. Steinhausen, W.

Office of Technical Services

Wittmaack, K.
COMMENTS ON STEINHAUSEN'S PRECEDING PAPER:
CONCERNING WITTMACK'S TURGOR AND
PRESSURE THEORY AND THE MACH-BREUER
THEORY OF THE DISPLACEMENT OF THE CUPULA
TERMINALIS INTO THE SEMICIRCULAR CANAL OF
THE VESTIBULAR APPARATUS (Bemerkungen zu der
Vorstehenden Arbeit von Steinhausen: Über die
Wittmaacksche Turgor- und Drucktheorie und die
Mach-Breuersche Theorie der Verlagerung der Cupula
Terminalis in den Bogengängen des Vestibularapparates).
[1961] [40]p. 18 refs.
Order from SLA \$3.60

61-14656

Trans. of Arch[iv] f[ür] Ohren-, Nasen- u[nd]
Kehlkopfheilk[unde] (Germany) 1932, v. 131/132.
p. 167-193.

(Unannounced)

(over)

61-14656

- I. Wittmaack, K.
- II. Steinhausen
- III. Title: Concerning ...

Office of Technical Services

Methods to Measure the Resistance in the Ear to
Prove the Patency. A New Method and The Results
on Normals and People With Ear Diseases, by
F. Zollner.
GERMAN, per. Arch Ohr Nas Kehlkopfheilk, Vol 139,
1935/1936, pp 137-154.
HEW NIH 10-52-66 (On Loan)

Sci/B&M
Dec 66

314 735

Gollas, Edgar.
INVESTIGATION OF THE TORSION OF THE EYES
IN A UNILATERAL ABSENCE OF THE LABYRINTH
(Untersuchung der Raddrehung der Augen bei
Einseitigem Labyrinthausfall). [1961] [29]p. 4 refs.
Order from SLA \$2.60 61-14324

Trans. of Arch[iv] f[ür] Ohren-, Nasen- u[nd] Kehl-
kopfh[eil]k[unde] (Germany) 1936, v. 140, p. 340-354.

DESCRIPTORS: Eye, Ear, Pathology, Motion.

(Unannounced)

61-14324

I. Gollas, E.

Office of Technical Services

Seiferth, L. B.
THE IMPORTANCE OF POSITIONAL NYSTAGMUS
FOR OTOLOGIC AND NEUROLOGIC DIAGNOSTICS
(Die Bedeutung des Lagenystagmus für die Otologische
und Neurologische Diagnostik). [1961] [39p] 24refs
Order from SLA \$3.60 TT-61-14328

Trans. of Arch[iv] f[ür] Ohren-, Nasen- und
Kehlkopfheilk[unde] (Germany) 1937, v. 143, p. 52-74.
[Archiv für Ohren-, Nasen- und Kehlkopfheilkunde]

DESCRIPTORS: *Nystagmus, *Diagnostic agents,
Neurology, Otorhinolaryngology, Ear, Eye, Diagnosis.

(Biological Sciences--Pathology, TT, v. 11, no. 4)

TT-61-14328

I. Seiferth, L. B.

Office of Technical Services

Werner, Cl. F.
CONCERNING THE ANATOMIC AND FUNCTIONAL
RELATIONSHIPS BETWEEN THE AMPULLA AND
THE SEMICIRCULAR CANALS (Über die Anato-
mischen und Funktionellen Beziehungen Zwischen
Ampulle und Bogengang). [1961] [24]p. 7 refs.
Order from SLA \$2.60 61-14332

Trans. of Arch[iv] f[ur] Ohren-, Nasen- u[nd] Kehl-
kopfheil[kunde] (Germany) 1937, v. 143, p. 257-270.

DESCRIPTORS: Ear, Physiology, Anatomy, Lymph,
Rotation.

(Unannounced)

61-14332

I. Werner, Cl. F.

Office of Technical Services

Mittermaier, Richard.
POST-ROTATORY NYSTAGMUS II AS A CLINICAL
METHOD OF INVESTIGATION (Der Nystagmus
Postrotatorius II als Klinische Untersuchungsmethode)
[1961] [21]p. 19 refs
Order from SLA \$2.60

61-14331

Trans. of Arch[iv] f[ür] Ohren-, Nasen- u[nd] Keh-
kopfheilk[unde] (Germany) 1938, v. 144, p. 403-416.

DESCRIPTORS: Nystagmus, Diagnosis, Ear, Eye,
Rotation, Otorhinolaryngology

(Unannounced)

61-14331

I. Mittermaier, R.

Office of Technical Services

Lange, Carl

INVESTIGATIONS CONCERNING THE COURSE OF
THE IL. POST-ROTATORY REACTIONS (Untersu-
chungen über den Ablauf der IL. Postrotatorischen
Reaktionen). [1961] 49p 37refs
Order from SLA \$4.60

TT-61-14316

TT-61-14316

I. Lange, C.

Trans. of Arch[iv] f[ür] Ohren-, Nasen- u[nd]
Kehlkopfheilkunde (Germany) 1959, v. 136,
p. 302-333.

DESCRIPTORS: Rotation, Reaction (Psychology),
*Acceleration tolerances, *Ear, *Nystagmus,
Rhythm (Biology), Body, Stability, *Eye, Ophthalmology.

(Biological Sciences--Physiology, TT, v. 11, no. 4)

Office of Technical Services

61-14204

Güttich, A.
ON THE ANTAGONISM OF THE REFLEXES OF THE
CERVIX AND THE SEMI-CIRCULAR CANAL IN THE
MOVEMENT OF THE HUMAN EYE (Über den
Antagonismus der Hals- und Bogengangreflexe bei der
Bewegung des Menschlichen Auges). [1961] 6p. (2 figs.
omitted) 4 refs.

Order from SLA \$1.10

61-14204

Trans. of Arch[iv] f[ür] Ohren-, Nasen- und
Kehlk[opfheilkunde] (Germany) 1940, v. 147, p. 1-4.

DESCRIPTORS: *Eye, *Neck, *Ear, Motion,
Neuromuscular transmission.

1. Title: Reflexes
1. Güttich, A.

169725

Office of Technical Services

(Biological Sciences--Neurology, TT, v. 6, no. 2)

61-14306

Majer, E. H.
CONCERNING THE DURATION OF THE POST-
ROTATORY SENSATION (Über die Drehnachemp-
findungsdauer). [1961] 13p. 17 refs.
Order from SLA \$1.60 61-14306

Trans. of Arch[iv] f[ür] Ohren-, Nasen- [und]
Kehl[kopfheilkunde] (Germany) 1941, v. 149,
p. 210-218.

DESCRIPTORS: *Rotation, Physiology, *Vertigo,
*Motion sickness.

(Biological Sciences--Pathology, TT, v. 6, no. 9)

1. Title: Nystagmus
1. Majer, E. H.

185213

Office of Technical Services

Dohlman, Gösta.
THE ROLE OF THE PERILYMPH IN THE VESTIBU-
LAR REACTIONS (Die Rolle der Perilymphe bei den
Vestibulären Reaktionen). [1961] [10p].
Order from SLA \$1.10

TT-61-14723

Trans. of Arch[iv für] Ohr[en]-, Nasen- und]
Kehl[kopf]-, Hals[unde]. (Germany) 1941, v. 150, p. 25-30.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-61-14723

I. Dohlman, G.

Office of Technical Services

FTD (TDBDR-1)

BT67-10-555T

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Distribution of DPM and TPN Diaphorase

H J Gerhardt

German per: Arch. Ohr. NAS, U. Kehl, -Heilk.
(Zrchiv. Ohren-usw. Heilk. u. Z. Hals-usw. Heilk.
181, 1962, 16-31*neg. 29/12/67*

Ultra Sound and Ear Region, by Hrnabeinz Neumann,
67 pp.

GERMAN, per, Archiv fuer Ohren-Nasen-und
Kehlkopfheilkunde, Vol LIX, 1951, pp 280-292.

NIN 1-28-61

Sci - Med
Mar 61

141,648

New Results of the Use of Ultrasonics on the
Labyrinth; a Contribution to the Treatment of
Labyrinthosis, by M. Arslan,

GERMAN, per, Archiv fuer Ohren-Nasen-und
Kehlkopfheilkunde Vereinigt mit Z fuer Hals-,
Nasen-, und Ohrenheilkunde, Vol CIXVII, 1955,
pp 559-574.

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Sci - Med

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Otitis and Paranasitis Serosa in a New Unit
Concept, by M. Krasnig, 4 pp.

GERMAN, per, Archiv fuer Chron-Nasen und
Kehlkopfheilk, Vol CLXXIII, 1958, pp 222-225.

MM 12-8-61

Sci - Med

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Feb 62

61-10587

Weihs, H.
THE INFLUENCE OF CONTIGUOUS KINETIC
(MOTILE) SYSTEMS UPON THE PRODUCTION OF
ESOPHAGEAL SPEECH (Der Einfluss Benachbarter
Bewegungssysteme auf die Hervorbringung der
Oesophagussprache). [1960] 4p. (3 figs. omitted).
Order from SLA \$1.10 61-10587

Trans. of Arch[iv] für Ohren-, Nasen- und Kehlkopf-
heilkunde (Germany) 1958, v. 173, no. 2, p. 529-533.

DESCRIPTORS: *Larynx. *Surgery. *Esophagus.
*Speech, Physiology. Muscles, Posture.

(Biological Sciences--Surgery, TT, v. 6, no. 2)

1. Title: Esophageal voice
1. Weihs, H

169731

Office of Technical Services

Discrimination Loss in Noise, when the Speaker is
Also wearing Ear Protectors, by K. Schroder.
GERMAN, per, Archiv fur Ohren-Nasen-und Kehlkopfheil-
kunde, Vol 176, No 2, 1960, pp 14-608.
CAcL

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Aug 67

Neveling, R. and Kruse, K. E.
ON NICOTINE NYSTAGMUS. [1962] 9p 14refs -
Order from SLA \$1.10 TT-64-14549

Trans. of Archiv für Ohren-, Nasen- und Kehlkopf-
Heilkunde (West Germany) 1961, v. 177, no. 5,
p. 427-431.

Another trans. is available from K-H \$11.25 as
K-H-11363-d [1962] 9p.

TT-64-14549

I. Neveling, R.
II. Kruse, K. E.

(Biological Sciences--Toxicology, TT, v. 11, no. 11)

Office of Technical Services

63-20017

Vosteen, K. H.
NEW ASPECTS IN THE BIOLOGY AND PATHOLOGY
OF THE INNER EAR. [1963] [107p] refs
Order from SLA \$9.10 63-20017
Free copies available from Circulation Manager,
Translations of the Beltone Institute of Hearing
Research, 4201 West Victoria St., Chicago 46, Ill.

Trans. of Arch[iv für] Ohren-, Nasen- und
Kehlkopfheilkunde (West Germany) 1961, v. 178,
p. 1-104.

DESCRIPTORS: *Ear, Auditory nerve, *Hearing, End
organs, Anatomy, Physiology, Electric potential,
Electrolytes, Acetylcholine, Metabolism.

(Biological Sciences--Physiology, TT, v. 10, no. 11)

I. Vosteen, K. H.

Office of Technical Services

The Use of Plastics in Bone Surgery, by
M. E. Mueller
GERMAN, per, Archiv fuer Orthopaedische und
Unfallchirurgie, Vol 54, 1962, pp 513-522
NTC 71-16720-06E

Feb 72

Air Pollu.

R-7453-D
6 Sept. 1966

PERMANENT SUBTOXIC CO EFFECTS ON THE HEARING AND EQUILI-
BRIUM APPARATUS IN GAS PLANT WORKERS

Author: Strzelczyk, P. and Zenk, H.

Sources: Arch. Ohr. Nas. Kehlkopfheilk 184: 81-92, May 29,
1964 (12 pp)

Language: German

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English Title Unknown, by Dr. Aubert.
GERMAN, per, Archiv fur Ophthalmologie, Vol
3, 1857, pp 1-37.
*NASA TT F-12,074

Dec 68